ABSTRACT OF THE DISCLOSURE

Systems and methods for providing automated diagnostic services for a cluster computer system are provided. One of many possible embodiments is a method for providing automated diagnostic services for a cluster computer system comprising a plurality of nodes. Each of the plurality of nodes may provide an application to a plurality of clients. Briefly described, one such method comprises the steps of: receiving information related to a plurality of drives associated with the plurality of nodes in the cluster computer system, the drives defining one or more logical volume groups; based on the information related to the drives, determining whether the drives conform to a predefined condition related to failover capability such that the one or more logical volume groups transition in the event of a failover; and, if the drives do not conform to the predefined condition, providing a warning.